

Improving Knowledge of the EMMC Bloodless Program among Staff Nurses after Implementation of Multimodal Education Regarding the Policy and its Purpose

Amber Anderson, BSN, RN; Ashley Charloux, BSN, RN;
Alexandra Fowler, BSN, RN; Danielle Thompson, ASN, RN.

Background

- In Maine alone there are approximately 5,500 Jehovah's Witnesses.
- Jehovah's Witnesses is a Christian denomination that prohibits certain medical treatment, one of those treatments includes receiving blood, prohibition against blood products include whole blood, packed red blood cells, white blood cells, plasma, and platelets, as well as autologous transfusions.
- Northern Light EMMC has an established bloodless program for doctors and registered nurses to implement when taking care of bloodless patients.
- Bloodless patients' seek care at Eastern Maine Medical Center because of the reputation of the bloodless program and hospital liaison committee for Jehovah's Witnesses.

Practice Change

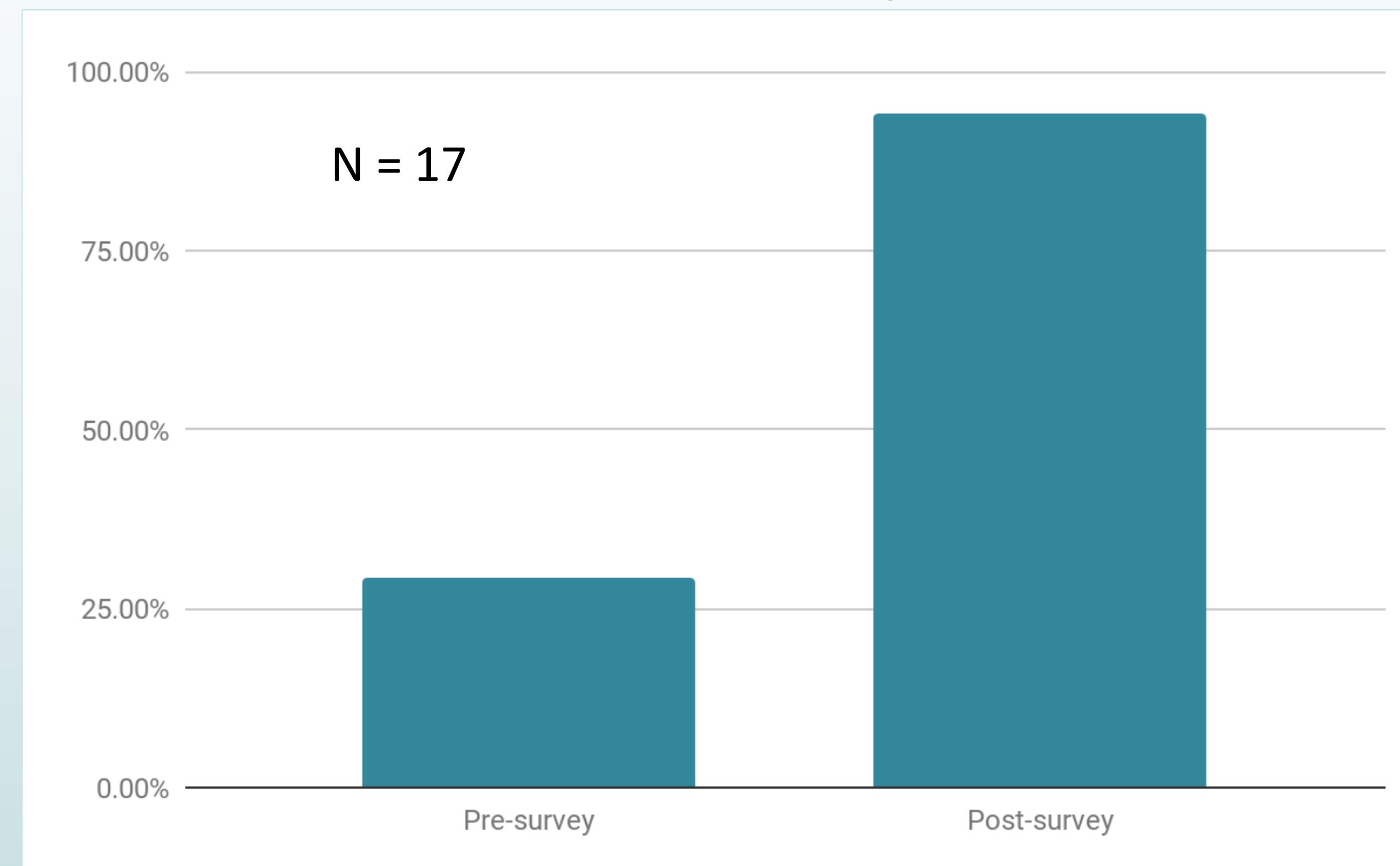
Increase registered nurses' (RN's) knowledge and cultural sensitivity regarding the bloodless program and the needs to properly implement the Bloodless Program Policy that is in place at Northern Light EMMC.

Methods

- Administered anonymous paper pre-surveys to RNs.
- Presented educational content to RNs during July staff meeting.
- Anonymous post-surveys were administered directly after the educational session.

Measures and Results

Effectiveness of Educational Material on The Bloodless Program



Results

Pre-Survey	GOOD	FAIR	NEUTRAL	UNAWARE
What would you rate your knowledge level regarding the EMMC Bloodless program?	29%	47%	18%	6%
Post-Survey	Comfortable and Confident	Somewhat Comfortable	Need More	
After reviewing the educational material do you feel more comfortable implementing the bloodless program?	70%	24%	6%	
Post-Survey	GOOD	FAIR	NEUTRAL	UNAWARE
What would you rate your knowledge level regarding the EMMC Bloodless Program?	94%	6%	0%	0%

Summary/Discussion

- EMMC's Bloodless program is utilized by patients across the state.
- Sixty pre-education surveys with multimodal education and sixty post-education surveys were utilized
- The results of our survey demonstrated that there is a need for hospital wide education in regards to the EMMC Bloodless program
- In order to make this hospital wide this educational material should be implemented during orientation.
- Our study was done in a limited time and controlled setting which resulted in limitations.
- **Limitations:**
 - Some limitations noted during this study were the population size, time, and that the population was limited to registered nurses working on cardiac units

Conclusion

- 29.4% of participants reported a good understanding of the bloodless program BEFORE educational material was utilized.
- 94.1% of participants reported a good understanding of the bloodless program AFTER educational material was utilized.
- After educational material was utilized, 82.4% of participants reported feeling confident they could properly implement the program and confident that they can properly and effectively care for a JW patient.